Approved For Release 2000/08/23 : CIA-RDP79-00798A000500100001-1

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DEPARTMENT OF STATE
DIVISION OF LANGUAGE SERVICES

(TRANSLATION)

LS NO. 43861 AO Russian

To complete the materials delivered to you earlier, we are sending you tables describing the utilization of scientific and engineering personnel, prepared by S.R. Mikulinskiy, Corresponding Member of the U.S.S.R. Academy of Sciences.

[s] Ye. Sklyarov

September 5, 1974

State Dept. declassification & release instructions on file

Number of persons with college education

,		Total	Men	Women
Persons with coll	ege education			
Persons with coll per 1,000 employs	ege education d			

Number of employees in the sector "science and scientific servicing"
. (1950-1973)

Total Percent of women	
	*.:

Note: These data are also available for each Union Republic

Approve	d F	r <u>F</u>	elea 2000/08/23 : CIA-RDP79-00798A000 100001-1
Approve		60 and over	
.* • •		55-59	
•		50-54	
	groups	45-49	
	By age {	35-44	1973.
		25-34	June 1,
		Under 25	1967 and June 1, 1973.
	Total	workers and employees	for periods ending June 1,

Note: Data are available for periods ending June 1, 1967 and June 1, 1973.

Scientific personnel by degree and academic title

		4 10 € v	Of which
	TOTAL	Men	Women
Total scientific personnel (incl. college teaching staff)			
With degree of		: .	
Doctor of sciences	•	•	
Candidate of sciences			
With academic title of (out.of total scientific personnel)			,
Academician, Corresponding member, Professor	,		
Associate professor	•		
Senior scientist			
Junior scientist and Assistant			

Data on the distribution of women by degrees are Note: Annual data for 1950-1973 can be made available. lacking for some years.

fic Dr. of Sci. Gand, of Sci. Wi	Ids of science: Inathematics Inineralogy weddeine y art e		Total	With de	degrée of	
lds of science: mathematics mineralogy medicine mathematics ma	Ids of science: mathematics mineralogy medicine medicine medicine medicine medicine medicine mineralogy medicine medicine		scientific			Without
Inds of science: I mathematics I mineralogy Wedicine art	Insthematics Insthematics Inineralogy Water and		personnel	of	ф	dedree
Inds of science: I mathematics I mineralogy wedicine art e	Independent of science: I mathematics I mineralogy medicine art e	TOTAL				oved
I mineralogy I mineralogy y medicine art e	mathematics mineralogy medicine art e	By fields of science:				For
medicine art	I mineralogy medicine art e	Physics and mathematics Chemistry			•	Releá
mineralogy wedicine art e	mineralogy y medicine art	Biology				•
y medicine art	y medicine art	Geology and mineralogy				200
y medicine art e	y medicine art	Agriculture				0/08 2
y medicine art	y medicine art	Economics				8/2
y medicine art	y medicine art	History			-	3:(
y medicine art e	y medicine art	Filtrosopiiy Philology				CIA
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medicine art re	medicine art re	Law)P7
logy ry medicine of art ture	logy ry medicine of art ture	Pedagogics				79-
		Medicine		•		00
		Pharmacology				79
T.		Veterinary medicine				8.8
		History of art				00
	00001-	Architecture				05
	100001-					•
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	1-					oþ

Statistical data for 1950, 1955, 1960, 1965, 1970, 1971, and 1972 can be made available. Analogous data can be made available for 1960, 1965, 1970, and 1972 for each of the Union Republics. Note:

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Age composition of scientific personnel

Age composition of	scient	iiic pe	rsonnel		
			197	72	
	1966	Total	In scientific	In colleges	Of total number of sci. personnel, in
			institutions		USSR Sci. Acad. and Sci. Acad. of Union Republ.
Total number of sci. personnel					
By age groups (in % of total):					
Under 29 30-40 41-50 51-60 61 and above				 :	

With degree of:

Doctor of sciences (Ph.D.)

By age groups (in % of total Ph.D's.):

Under 29 30-40 41-50 51-60 61 and above

Candidate of sciences (Cand.Sci.)

By age groups (in % of total Cand.Sci.)

Under 29 30-40 41-50 51-60 61 and above Approved For Relea 2000/08/23 : CIA-RDP79-00798A000 00001-1

Table 7

Scientific personnel in scientific institutions and institutes of higher learning

	Of which	
Total scientific personnel	in scient. instit. in instit. high. learn.	

Note: Published data are available for individual years (1950, 1955, 1958, etc.) The Central Statistical Administration has data for the entire period 1950-1973.

Distribution of the scientific staff of the U.S.S.R. Acad. Sci. by scientific fields

•	Total sci.		Of which	
	staff	with d	egree of Cand.Sci.	without degree

Tota1

By scientific fields:

Physics and mathematics Chemistry Biology Geology and mineralogy Technology Agriculture Economics History Philosophy Philology Geography Law Pedagogics Medicine Pharmacology Veterinary medicine History of art Architecture

Note: Data for 1970 can be made available.

Scientific personnel and their distribution by degrees in the U.S.S.R. Science Academy, the Science Academies of Union Republics, and specialized (branch) academies

	Total scient. staff (excl.	Of which	with degree of
	persons w. sev. posts)	Ph.D.	Cand. Sci.

U.S.S.R. Science Academy
Uk.S.S.R. Science Academy
B.S.S.R. "
Uzb.S.S.R.
Kaz.S.S.R.
Geor.S.S.R.
Az.S.S.R.
Lith.S.S.R.
Lith.S.S.R.
Latv.S.S.R.
Kirg.S.S.R.
Tadzh.S.S.R.
Turkm.S.S.R.
Est.S.S.R.

Turkm.S.S.R.

Est.S.S.R.

U.S.S.R. Academy of Fine Arts

Lenin Agricultural Academy

U.S.S.R. Academy of Medical Sciences

U.S.S.R. Academy of Pedagogical Sciences

R.S.F.S.R. Academy of Municipal

Economics

Note: Complete statistical data are available for 1970, 1971, 1972, and 1973; data without distribution by degrees are available for 1959-1969.

Distribution of scientific personnel of the U.S.S.R. Science Academy by positions

Heads of institutes

Directors and their deputies

Section (laboratory, branch) chiefs

Senior scientists

Junior scientists

Other scientists

Note: Information for 1950, 1960, and 1970 is available.

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Table 11

Number of post-graduate students

			Ir	ncluding	students		
Year	Total post- grad. stu- dents	In sci. inst. (excl. colleges)	Of Full Time	which Part Time	In inst. of high. learn.	Of Full Time	which Part Time

Note: Statistical data for 1950-1973 can be made available.

Number of women among post-graduate students

TOTAL

Of which

In scientific institutes

In inst. of higher learning

Note: Data for 1950, 1960, 1970, and 1973 can be made available

Number of licensed engineers employed in the national economy, by specialization.

As of November 15, 1966

Total licensed engineers employed in the national economy

> By specializations acquired in institutes of learning:

Geology and prospecting for mineral deposits Working of mineral deposits

Power engineering

Metallurgy

Machine and instrument building, electronics, manufacture of electric instruments and automatic devices, radio technology and communications

Chemical engineering

Forestry engineering, technology of timber, pulp and paper

Foodstuffs technology

Consumer goods technology

Construction

Geodesy and cartography

Hydrology and meteorology

Mechanization and electrification of agriculture

Transportation

These data are also available for each Union Republic.

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[s] Ye. Sklyarov

September 5, 1974

Number of persons with college education

,		Total	Men	Women
in the second of	· · · ·			
Persons with college ed			, . 	
Persons with college edper 1,000 employed	ucation			

Number of employees in the sector "science and scientific servicing"

. (1950-1973)

	Total	Percent of women
	·	
		·
		·
·		

Note: These data are also available for each Union Republic

Workers and employees in the sector "science and scientific servicing" by age groups (in percent)

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		60 and o		·					
•		55-59							
		50-54							
	groups	45-49			<u>-</u>				
	age	35-44							
	By	25-34							
	-	Under 25							
	Total	and employees					•		
	To	workers							,
	•		·						
		ľ		N _y .					

Scientific personnel by degree and academic title

) JO	Of which	App
	TOTAL	Men	Women	oro
Total scientific personnel (incl. college teaching staff)				ved F
With degree of				or R
Doctor of sciences		•		elea
Candidate of sciences				200
11444	+ 			00/08
with academic title or (out, of total scientific personnel)				/23_:
Academician, Corresponding member, Professor				ÇIA-F
Associate professor				RDP7
Senior scientist				9-007
Junior scientist and Assistant				798A0

Data on the distribution of women by degrees are Note: Annual data for 1950-1973 can be made available. lacking for some years.

Scientific personnel by fields of science

	Total	With degree	gree of	4 10 41 41
	scientific personnel	Dr. of Sci.	Cand. of Sci.	deree
TOTAL				oved
By fields of science:				For F
Physics and mathematics Chemistry		. *	•	Relea
Biology			٠.	20
Technology				00/
Agriculture				(08) £
Economics				/23
History				<i>;</i> : (
Philosophy Philology		,		CIA-I
Geography				RDF
Law				979
Pedagogics Medicine				9-007
Pharmacology				798
Veterinary medicine				3AC
History of art				000
Architecture				5
			·	00
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)1-1

Analogous data can be made available for 1960, 1965, 1970, and 1972 for each of the Union Republics. Statistical data for 1950, 1955, 1960, 1965, 1970, 1971, and 1972 can be made available. Note:

Age composition of scientific personnel

	•	F			•
			19	72	
•	1966	Total	In scientific institutions	In colleges	Of total number of sci. personnel, in USSR Sci. Acad. and Sci. Acad. of Union Republ.
Total number of sci. personnel				÷	
By age groups (in % of total):		•		•	
Under 29 30-40 41-50 51-60 61 and above				· . :	
With degree of:			. •		•
Doctor of sciences (Ph.D.)					
By age groups (in % of total Ph.D's.):	•	•			
Under 29 30-40 41-50 51-60 61 and above			•		

Candidate of sciences

(Cand.Sci.)

By age groups (in % of total Cand.Sci.)

Under 29 30-40

41-50

51-60

61 and above

Scientific personnel in scientific institutions and institutes of higher learning

		•					
	Of which						
Total scientific personnel	in scient. instit. in instit. high. learn.	-					

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Total	·	Of which	•
sci. staff	with de	egree of Cand.Sci.	without degree

Total

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	persons w. sev. posts)	Ph.D.	Cand. Sci.
·	·		

U.S.S.R. Science Academy
Uk.S.S.R. Science Academy
B.S.S.R.
Uzb.S.S.R.
Kaz.S.S.R.
Geor.S.S.R.
Lith.S.S.R.
Lith.S.S.R.
Latv.S.S.R.
Kirg.S.S.R.
Tadzh.S.S.R.
Turkm.S.S.R.

Est.S.S.R.

U.S.S.R. Academy of Fine Arts

Lenin Agricultural Academy

U.S.S.R. Academy of Medical Sciences

U.S.S.R. Academy of Pedagogical Sciences

R.S.F.S.R. Academy of Municipal

Economics

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As of November 15, 1966

Total licensed engineers employed in the national economy

> By specializations acquired in institutes of learning:

Geology and prospecting for mineral deposits Working of mineral deposits

Power engineering

Metallurgy

Machine and instrument building, electronics, manufacture of electric instruments and automatic devices, radio technology and communications

Chemical engineering

Forestry engineering, technology of timber, pulp and paper

Foodstuffs technology

Consumer goods technology

Construction

Geodesy and cartography -

Hydrology and meteorology

Mechanization and electrification of agriculture

Transportation

These data are also available for each Union Republic.

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